

Surface Area/Drainage Area Ratios

85% TSS Removal

30 Foot Vegetated Filter Required

DEPTH	3'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'	6.5'	7.0'	7.5'
IMP %										
10%	.9	.8	.7	.6	.5	0	0	0	0	0
20%	1.7	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5
30%	2.5	2.2	1.9	1.8	1.6	1.5	1.3	1.2	1.0	.9
40%	3.4	3.0	2.6	2.4	2.1	1.9	1.6	1.4	1.1	1.0
50%	4.2	3.7	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.3
60%	5.0	4.5	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.6
70%	6.0	5.2	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.8
80%	6.8	6.0	5.2	4.7	4.2	3.7	3.2	2.7	2.2	2.0
90%	7.5	6.5	5.8	5.3	4.8	4.3	3.8	3.3	2.8	1.3
100%	8.2	7.4	6.8	6.2	5.6	5.0	4.4	3.8	3.2	2.6

Revised 10/31/97

90% TSS Removal

No Vegetated Filter Required

DEPTH	3'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'	6.5'	7.0'	7.5'
IMP %										
10%	1.3	1.0	.8	.7	.6	.5	.4	.3	.2	.1
20%	2.4	2.0	1.8	1.7	1.5	1.4	1.2	1.0	.9	.6
30%	3.5	3.0	2.7	2.5	2.2	1.9	1.6	1.3	1.1	.8
40%	4.5	4.0	3.5	3.1	2.8	2.5	2.1	1.8	1.4	1.1
50%	5.6	5.0	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.5
60%	7.0	6.0	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9
70%	8.1	7.0	6.0	5.5	5.0	4.5	3.9	3.4	2.9	2.3
80%	9.4	8.0	7.0	6.4	5.7	5.2	4.6	4.0	3.4	2.8
90%	10.7	9.0	7.9	7.2	6.5	5.9	5.2	4.6	3.9	3.3
100%	12.0	10.0	8.8	8.1	7.3	6.6	5.8	5.1	4.3	3.6

Note: The required surface area calculated from the tables is to be provided at the permanent pool elevation.